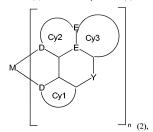
Amendments to the Claims

Please cancel Claims 29 and 35. Please amend Claims 23, 24, 25, 28, 30, 33-34, 36 and 38-42. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

- 1-22. (Cancelled)
- 23. (Currently amended) A compound of the formula (1)
 - 1. $M(L)_n(L')_m(L'')_o$ (1),

wherein a part-structure M(L)_n is described by formula (2)



wherein the symbols and indices used are:

- M at each instance is a transition metal ion;
- Y is the same or different at each instance and is BR⁺, CR₂, C(R¹)₂, C=O, C=NR¹,
 C=CR₂₇, C=C(R¹)₂ SiR⁺₂₇NR⁺, PR⁺, AsR⁺, SbR⁺, BiR⁺, P(O)R⁺, P(S)R⁺, P(Se)R⁺,
 As(O)R⁺, As(S)R⁺, As(Se)R⁺, Sb(O)R⁺, Sb(S)R⁺, Sb(S)R⁺, Bi(O)R⁺, Bi(O)R⁺, Bi(S)R⁺,
 Bi(Se)R⁺, O, S, Se, Te, SO, SeO, TeO, SO₂₅, SeO₂₅, TeO₂ or a single bond;
- D is the same or different at each instance and is a carbon atom in Cy1 or a
 heteroatom with a nonbonding electron pair which coordinates to the metal, with

- the proviso that one D per ligand is a carbon atom and the other is a heteroatom with a nonbonding electron pair and a nitrogen atom in Cy2;
- E for each occurrence is C the same or different at each instance and is C or N, with the proviso that at least one symbol E is C;
- Cyl is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring homo-or-heteroeyele-which is bonded to the metal M via an atom D and which also has a single bond to the part-cycle Cy2 and a single bond to the Y group;
- Cy2 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered heteroaryl ring part homo or heteroeyele which is bonded via an atom D to the metal M and which also has a single bond to the cycle Cy1 and a common edge with the part-cycle Cy3;
- Cy3 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring part home—or—heteroeyele which has a single bond to the Y group and a common edge with the part-cycle Cy2;
- R¹ is the same or different at each instance and is H or an aliphatic or aromatic hydrocarbon radical having from 1 to 20 carbon atoms;
- n is 1, 2 or 3;

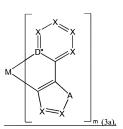
L' and L" are monoanionic, bidentate chelating ligands, and m and o are the same or different at each instance and are 0, 1 or 2.

 (Currently amended) A compound as claimed in claim 23, comprising a part-structure M(L)_n described by the formula (2a):

- M is Mo. W. Re. Ru. Os. Rh. Ir. Pd. Pt or Au:
- D is the same or different at each instance and is a carbon atom, or a nitrogen atom or a phosphorus atom, with the proviso that one D is a carbon atom and the other D is a nitrogen atom or a phosphorus atom;
- X is the same or different at each instance and is CR, N or P; or one or more X-X
 units are NR, S or O; or one X-X unit in the fused part cycles Cy2 and Cy3 is CR,
 N or P if one of the symbols E is N:
- E is C the same or different at each instance and is C or N, with the proviso that at least one symbol E is C and also with the proviso that precisely one X. X unit in the fused part eyeles Cv2 and Cv3 is CR, N or P if one symbol E is N;
- R is the same or different at each instance and is H, F, Cl, Br, I, OH, NO₂, CN, a straight-chain, branched or cyclic alkyl or alkoxy group having from 1 to 20 carbon atoms, where one or more nonadjacent CH₂ groups may be replaced by -R¹C=CR¹-, -C≡C-, Si(R¹)₂, Ge(R¹)₂, Sn(R¹)₂, O-, -S-, -NR¹-, -(C=O)-, -(C=NR¹)-, -P=O(R¹)- or -CONR¹- and where one or more hydrogen atoms may be replaced by F, or an aryl, heteroaryl, aryloxy or heteroaryloxy group which has from 1 to 14 carbon atoms and may be substituted by one or more nonaromatic R radicals, where a plurality of substituents R, both on the same ring and on different rings, may in turn form a further mono- or polycyclic, aliphatic or aromatic ring system.

 (Currently amended) A compound of claim 24, comprising at least one part-structure M(L)_n of the formula (2b), identical or different at each instance,

and further optionally comprising a part-structure $M(L')_m$ of the formula [[(3)]] (3a), identical or different at each instance



- D is the same or different at each instance and is N or P; and
- D" is the same or different at each instance and is N or P; and
- A is the same or different at each instance and is -CR=CR-, -N=CR-, -P=CR-, -N=N-, -P=N-, NR, PR, O, S, Se.
- (Previously presented) A compound of claim 25, wherein M is Rh. Ir. Pd or Pt.
- 27. (Previously presented) A compound of claim 26, wherein n is 2 or 3.
- 28. (Currently amended) A compound of claim 27, wherein [[D]] D" is N.
- 29. (Cancelled)
- (Currently amended) A compound of claim [[29]] <u>28</u>, wherein Y is CR₂, C=O, C=CR₂; NR⁴, PR⁴, P(O)R⁴, O, S, SO, SO₂ or a single bond.

- 31. (Previously presented) A compound of claim 30, wherein R is the same or different at each instance and is H, F, a straight-chain, branched or cyclic alkyl or alkoxy group having from 1 to 4 carbon atoms, where one or more hydrogen atoms may be replaced by F, or an aryl or heteroaryl group which has from 1 to 6 carbon atoms and may be substituted by one or more nonaromatic R radicals, where a plurality of substituents R, both on the same ring and on different rings, together may in turn form a further aliphatic or aromatic, mono- or polycyclic ring system.
- 32. (Previously presented) A compound of claim 31, wherein Y is a spiro carbon atom.
- 33. (Currently amended) A compound of the formula (4)

- E for each occurrence is C the same or different at each instance and is C or N, with the proviso that at least one symbol E is C;
- Cyl is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring homo-or heterocycle which is bonded to the metal M via an atom D and which also has a single bond to the part-cycle Cy2 and a single bond to the Y group;
- Cy2 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered heteroaryl ring part-homo-or—heteroeyele which is bonded via an atom D to the metal M and which also has a single bond to the cycle Cy1 and a common edge with the part-cycle Cy3;

- Cy3 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring part homo-or-heterocycle which has a single bond to the Y group and a common edge with the part-cycle Cy2;
- Y' is the same or different at each instance and is BR¹, ←R₂; C(R¹)₂, C=NR¹, ←—CR₂; or C=C(R¹)₂, SiR¹₂, PR¹, AsR¹, SbR¹, BiR¹, P(O)R¹, P(S)R¹, P(Se)R¹, As(O)R¹; As(S)R¹, As(Se)R¹, Sb(O)R¹, Sb(S)R¹, Sb(Se)R¹, Bi(O)R¹, Bi(S)R¹, Bi(Se)R¹, Se, SO, SeO, TeO, SO₂, SeO₂, TeO₂;
- D' is the same or different at each instance and is C. H., N or P, with the proviso that one symbol D' is C. H and the other symbol D' is N or P is a carbon atom in Cv1 and a nitrogen atom in Cv2; and
- R¹ is the same or different at each instance and is H or an aliphatic or aromatic hydrocarbon radical having from 1 to 20 carbon atoms.
- 34. (Currently amended) A compound of claim 33, represented by formula (4a):

X is CR;

s the same or different at each instance and is H, F, Cl, Br, I, OH, NO₂, CN, a

straight-chain, branched or cyclic alkyl or alkoxy group having from 1 to 20

carbon atoms, where one or more nonadjacent CH₂ groups may be replaced by

-R¹C=CR¹, -C≡C, Si(R¹)₂, Ge(R¹)₂, Sn(R¹)₂, -O-, -S-, -NR¹, -(C=O)-,

-(C=NR¹)-, -P=O(R¹)- or -CONR¹- and where one or more hydrogen atoms may

be replaced by F, or an aryl, heteroaryl, aryloxy or heteroaryloxy group which has

from 1 to 14 carbon atoms and may be substituted by one or more nonaromatic R

radicals, where a plurality of substituents R, both on the same ring and on

different rings, may in turn form a further mono- or polycyclic, aliphatic or aromatic ring system.

- 35. (Cancelled)
- 36. (Currently amended) A process for preparing compound of the formula (1)

$$M(L)_n(L')_m(L'')_o$$
 (1),

wherein a part-structure M(L)_n is described by formula (2)

wherein the symbols and indices used are:

- M at each instance is a transition metal ion;
- Y is the same or different at each instance and is BR⁺, CR₃₇ C(R¹)₂₈ C=O,
 C=NR¹, C=CR₂₇ C=C(R¹)₂₇, SiR⁺₂₇NR⁺, PR⁺, AsR⁺, SbR⁺, BiR⁺, P(O)R⁺,
 P(S)R⁺, P(So)R⁺, As(O)R⁺, As(S)R⁺, As(So)R⁺, Sb(O)R⁺, Sb(S)R⁺,
 Sb(So)R⁺, Bi(O)R⁺, Bi(S)R⁺, Bi(So)R⁺, O, S, Se, Te, SO, SeO, TeO, SO₂₇
 SeO₂₇-TeO₂ or a single bond;
- D is the same or different at each instance and is a carbon atom in Cyl or a heteroatom with a nonbonding electron pair which coordinates to the metal, with the proviso that one D per ligand is a carbon atom and the

other is a heteroatom with a nonbonding electron pair and a nitrogen atom in Cv2:

- E for each occurrence is C the same or different at each instance and is C or N, with the proviso that at least one symbol E is C;
- Cyl is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring home—or heteroeyele which is bonded to the metal M via an atom D and which also has a single bond to the part-cycle Cy2 and a single bond to the Y group;
- Cy2 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered heteroaryl ring part-homo-or—heteroeyele which is bonded via an atom D to the metal M and which also has a single bond to the cycle Cy1 and a common edge with the part-cycle Cy3;
- Cy3 is the same or different at each instance and is a saturated, unsaturated or aromatic six-membered monocyclic aryl ring part homo—or—heterocycle which has a single bond to the Y group and a common edge with the partcycle Cy2:
- R¹ is the same or different at each instance and is H or an aliphatic or aromatic hydrocarbon radical having from 1 to 20 carbon atoms;
- n is 1, 2 or 3;

L' and L" are monoanionic, bidentate chelating ligands, and m and o are the same or different at each instance and are 0, 1 or 2.

by reacting a compound of the formula (4)

with metal alkoxides of formula (5), with metal ketoketonates of the formula (6) or mono- or polycyclic metal halides of the formula (7), (8) and (9)

and further wherein:

D' is the same or different at each instance and is C-H, N or P, with the proviso that one symbol D' is C-H and the other symbol D' is N or P is a carbon atom in Cy1 and a nitrogen atom in Cy2;

p is 1 or 2; and

Hal is F, Cl, Br or I.

- (Previously presented) A process of Claim 36, wherein a compound of formula (4) is
 reacted with iridium compounds which bear both alkoxide and/or halide and/or hydroxyl
 and ketoketonate radicals
- (Currently amended) A compound of claim [[1]] 23, wherein purity of said compound determined by means of ¹H NMR and/or HPLC is more than 99%.
- (Currently amended) A conjugated, part-conjugated or nonconjugated polymer or dendrimer containing one or more of the compounds as claimed in claim [[1]] 23.
- (Currently amended) A conjugated, part-conjugated or nonconjugated polymer or dendrimer containing one or more of the compounds as claimed in claim [[2]] <u>24</u>, wherein at least one R is a bond to the polymer or dendrimer.

- (Currently amended) A polymer as claimed in claim 39, eharacterized in that wherein the
 polymer is selected from the group of polyfluorenes, polyspirobifluorenes,
 polyparaphenylenes, polycarbazoles, polyvinylearbazoles, polythiophenes, polyketones
 or copolymers thereof.
- (Currently amended) An electronic component comprising at least one compound as claimed in claim [[1]] 23.
- 43. (Previously presented) The electronic component of claim 42, wherein said component is an organic light-emitting diode (OLED), an organic integrated circuit (O-IC), an organic field-effect transistor (O-FET), an organic thin-film transistor (O-TFT), an organic solar cell (O-SC) or an organic laser diode (O-laser).